

**NATIONAL DEAFNESS AND OTHER COMMUNICATION DISORDERS
ADVISORY COUNCIL**

September 5, 2003

**National Institutes of Health
Bethesda, Maryland**

MINUTES

The National Deafness and Other Communication Disorders Advisory Council convened on September 5, 2003, in Conference Room 6, National Institutes of Health (NIH), Bethesda, MD. Dr. James F. Battey, Jr., Director, National Institute on Deafness and Other Communication Disorders (NIDCD), served as Chairperson. In accordance with Public Law 92-463, the meeting was:

Open: September 5, 2003: 8:30 a.m. to 11:30 a.m., for the review and discussion of program development needs and policy; and

Closed: September 5, 2003: 12:30 p.m. to 2:10 p.m. for review of individual grant applications.

Council members in attendance:¹

Dr. Barry W. Ache
Dr. Noma Anderson
Dr. Gary K. Beauchamp
Dr. Patricia D. Cayne
Dr. Richard A. Chole
Dr. Beverly S. Emanuel
Ms. Susan M. Greco
Dr. Ray D. Kent
Dr. David J. Lim

Ms. Heather McCallum
Dr. Richard T. Miyamoto
Dr. John J. Ngai
Dr. Donata Oertel
Dr. Brenda M. Ryals
Dr. Ingo R. Titze

Council members not participating:

Dr. Nicolas Linares-Orama
Dr. John P. Madison
Dr. Adrian A. Perachio

¹For the record, it is noted that members absent themselves from the meeting when the Council is discussing applications (a) from their respective institutions or (b) in which a real or apparent conflict of interest might occur. This procedure applies only to individual discussion of an application and not to "en bloc" actions.

Ex-Officio Members absent:

Dr. Lucille B. Beck
Dr. John R. Franks
Dr. Michael E. Hoffer

The Council roster is found as Appendix 1.

Various members of the public, as well as NIDCD staff and other NIH staff, were in attendance during the open session of the Council meeting. A complete list of those present for all or part of the meeting is found in Appendix 2.

I. Call To Order and Opening RemarksDr. James F. Battey, Jr.

The meeting was called to order by Dr. Battey, Director, NIDCD, who thanked Council members for their service and advice to the Institute. Dr. Nicolas Linares-Orama, Dr. John Madison, Dr. Adrian Perachio, Dr. Michael Hoffer and Dr. Lucille Beck had conflicts which precluded their attendance at today's meeting. Dr. Battey welcomed Dr. Dennis Kyle, who was attending the open session of the meeting for Dr. Beck.

New NIDCD Advisory Council Members

Dr. Battey welcomed and introduced four new members of Council:

- Dr. Barry W. Ache, Professor, Whitney Laboratory, University of Florida Brain Institute, Center for Smell and Taste, Gainesville, Florida. Dr. Ache received his doctoral degree in behavioral physiology from the University of California, Santa Barbara. His research interests include sensory biology, chemical senses (olfaction and taste), mechanisms of olfactory transduction and synaptic processing of odor information, and intracellular signaling-regulation of second messenger-activated ion channels. He is a member of numerous professional societies, is widely published, and has made frequent presentations at national and international meetings.
- Dr. John J. Ngai, Professor of Neurobiology, Department of Molecular and Cell Biology, University of California, Berkeley, California. Dr. Ngai received his doctoral degree from the California Institute of Technology. His research interests include molecular biology, chemical senses, animal models, and functional genomics. Dr. Ngai has received several academic awards and has provided significant professional service as a peer reviewer. He has a wide array of publications and has received numerous patents for his inventions.
- Dr. Donata Oertel, Professor, Department of Physiology, University of Wisconsin, Madison, Wisconsin. Dr. Oertel received her doctoral degree in biological sciences

from the University of California, Santa Barbara. Her professional interests include auditory neurophysiology, electrophysiology, and neuroanatomy. She is a member of several professional societies and served as president of the Association for Research in Otolaryngology. Dr. Oertel has received many honors and awards, is widely published, and presents frequently at national and international meetings.

- Dr. Brenda M. Ryals, Professor, Department of Communication Sciences, James Madison University, Harrisonburg, Virginia. Dr. Ryals received her doctoral degree from the University of Virginia. Her professional interests include clinical audiology, treatment, and auditory development. She is a member of several professional societies including the American Speech-Language Hearing Association and the Association for Research in Otolaryngology. Dr. Ryals has significant academic and clinical experience as demonstrated by her substantial professional service. She is widely published and has presented at several national and international meetings.

II. Council Procedures Dr. Craig A. Jordan

Procedural Matters

Dr. Jordan discussed important procedural matters, including requirements imposed by the Government in the Sunshine Act and the Federal Advisory Committee Act. The necessity of members avoiding conflict of interest, or the appearance thereof, was stressed, as was the need to maintain confidentiality concerning the proceedings and materials related to the closed portion of the meeting. Dr. Jordan announced that the Council meeting would be open to the public during the morning session, but would be closed for consideration of grant applications during the afternoon.

Consideration of Minutes of the Meeting of May 16, 2003

Dr. Battey called members' attention to the minutes of the May 16, 2003 meeting of the Advisory Council. The minutes were approved as written.

Confirmation of Dates for Future Council Meetings

Dates for the Council meetings through September 2005 have been established. A list of these meetings was distributed to the Council members. The next meeting of Council is scheduled for Friday, January 23, 2004 on the NIH campus, Bethesda, Maryland.

III. Report of the Director, NIDCD Dr. Battey

Budget Considerations:

Dr. Battey indicated that the FY2004 NIH Budget has not yet been approved and that current budget planning is based on the revised President's request. Dr. Battey discussed the Institute's budget, and described how the \$274.9 million available for new and competing research project grants has been allocated for FY2004. From this total, \$8.9 million is reserved for Small Business Innovation Research grants, \$1.2 million for administrative supplements, \$197.6 million for commitments to noncompeting grants, \$0.75 million for carryover commitments from prior Council meetings, and \$10.9 million for program requirements in FY2004. Twenty percent of the remaining \$57 million is designated for High Program Priority (HPP). When apportioned for the three Council meetings in FY 2004, \$3.8 million is available for HPP applications at the September meeting. The budget has \$15.2 million available for the initial payline at this meeting, which should allow funding of all applications to the 24th percentile, plus additional HPP applications. A copy of the slides Dr. Battey used for his budget presentation is included in these minutes as Appendix 3.

Other Announcements

Ms. Susan Greco informed Council about the Congressional Hearing Health Caucus (CHHC) luncheon on October 15, 2003, from 12:00 p.m. to 1:30 p.m. in the Rayburn House Office Building. The National Campaign for Hearing Health and the National Institute on Deafness and Other Communication Disorders (NIDCD) participated in the event.

IV. Report of the Director, Division of Extramural Activities..... Dr. Jordan

Dr. Jordan presented the report of the Director of the Division of Extramural Activities.

Grants Management Branch

In an effort to keep Council informed about the responsibilities handled by various components of the Division of Extramural Activities, representatives of each of the Division's branches will periodically discuss their responsibilities and activities.

Dr. Jordan introduced Ms. Sara Stone, Chief of the Grants Management Branch, who introduced her staff and discussed the Branch's functions, including the following: (1) advising the Director, Division of Extramural Activities, in the planning, development, implementation, and evaluation of Institute policies, procedures, and guidelines in the business management of grant programs; (2) collaborating with NIDCD scientific staff to provide technical advice and consultation necessary to fulfill the objectives of the grant programs; (3) coordinating the processing of grant applications leading to award; (4)

maintaining project files and records; and (5) providing assistance to individual recipients of grant awards and to grantee institutional business officials in the interpretation and application of DHHS, PHS, NIH, and NIDCD policies and procedures.

NIH Electronic Research Administration (eRA) Commons

Dr. Jordan provided information and responded to questions about the emerging capabilities of [the eRA Commons,] an electronic information tool.. In responding to a Congressional mandate requiring federal agencies to migrate from paper-based to electronic systems, the NIH has undertaken the Electronic Research Administration (eRA) project to lower costs, reduce administrative effort, expedite extramural grants processing, and provide better quality information to the NIH and the external grantee community. The eRA project is a collaborative endeavor of the full NIH community. Ultimately, all parties involved will conduct seamless, secure, interactive business.

The eRA Commons is a virtual meeting place where NIH extramural grantee organizations, grantees, and the public can receive and transmit information about the administration of biomedical and behavioral research. The “Commons” is a Web interface where NIH and the grantee community are able to conduct their extramural research administration business electronically. The ERA Commons is divided into both unrestricted and restricted portions that provide for public and confidential information, respectively. Institutions and individual investigators will have access to a variety of modules available through the Commons, including the NIH Awards Database, Invention Reporting, Institutional and Personal Profiles, Financial Status Reports, Progress Reports, Internet Assisted Review, and more.

An institution must be registered in the NIH eRA Commons before faculty and staff can take advantage of electronic submission and retrieval of grant information. Only an individual with signatory authority for the institution in grant-related matters can register an institution. Guidance for registering as well as general information about the NIH eRA Commons can be found at the NIH eRA Commons Homepage (<https://commons.era.nih.gov/commons/>).

V. Report of the Director, Division of Scientific Programs..... Dr. Judith Cooper

Dr. Judith Cooper presented the report of the Director of the Division of Scientific Programs.

Introduction of New Staff Member

Dr. Cooper introduced Dr. Christopher Platt who joined the Division of Scientific Programs on July 14 as Program Director, Balance & Vestibular Sciences. Dr. Platt came to the NIDCD from the National Science Foundation in Arlington, Virginia, where he served as Program Director, Sensory Systems, Neuroscience Cluster, Directorate for Biological Sciences.

NIH Loan Repayment Program

Dr. Cooper introduced Dr. Daniel Sklare who updated the Council on NIDCD's participation in the NIH Loan Repayment Program. The goal of the program is to provide an incentive for health professionals to integrate clinical research and pediatric research into their career trajectories. Pediatric research is research that is directly related to diseases, disorders, and/or conditions in children; clinical research is that conducted on human subjects or on material of human origin in which the investigator directly interacts with human subjects.

In FY02, eligibility for the NIH Loan Repayment Program was restricted to NIH-funded researchers. In FY03, eligibility broadened to all doctoral-level health professional researchers with nonprofit or government (Federal, state or local) research funding. Successful applicants to the program can receive up to \$35,000/year of educational loan repayment during a two-year commitment to conduct clinical research or pediatric research for at least a 50% effort. Applicants must be either a U.S. citizen or permanent resident, and their educational debt must equal at least 20 percent of their institutional base salary.

The number of applications trans-NIH nearly doubled from FY02 to FY03. About 1600 applications were received; of these, 1000 awards were made. Of eleven awards made by NIDCD to meet its FY02 LRP allocation (\$525K), four were transferred from other NIH Institutes. Of 28 awards made by NIDCD to meet its FY03 allocation (\$1,034K), thirteen were transferred from other NIH Institutes

More information about the NIH Loan Program, including procedures for applying on-line, can be found at the NIH Office of Loan Repayment's website at www.lrp.nih.gov.

P30 Program

Next, Dr. Cooper introduced Dr. Amy Donahue, who discussed the (Research Core Center) P30 Program. This four-year-old program was initiated in July 1999. There are 16 currently active P30s based on guidelines that will remain current through October 2003.

She reported on the July 2003 meeting of the Research Core Center (P30) Discussion Group, which was organized to consider the program's strengths and weaknesses. The meeting gave NIDCD staff the opportunity to hear what P30 grantees have to say about the program and to share administrative management issues as well as core research activities with each other (administrative support, R01/P30 interactions, user issues, new collaborations). The Institute also wanted to explore ways to share P30 resources with a larger community and look at the future of the P30 -- how to document success, and discuss mechanisms of resource sharing.

Following the P30 Discussion Group, NIDCD staff met to consider changes for updating the Guidelines. Staff proposed to Council that the following features of the program remain unchanged:

- 6 R01 grants to be eligible, 4 of which must be NIDCD
- 3-user minimum per core
- 5-year award
- 3 times/year submission

Previously, the budgetary cap was fixed at \$300,000 if the research base was composed of six to ten NIDCD grants; and \$400,000 if eleven or more NIDCD grants. The staff recommended a new 3-tier budgetary cap as listed below:

- 300K DC/year if 6 or more NIH R01s
- 400K DC/year if 12 or more NIH R01s
- 500K DC/year if 18 or more NIH R01s

Dr. Donahue reported that updated guidelines, including eligibility criteria and application procedures for February 2004 submission dates will be published in the NIH Guide to Grants and Contracts, and posted on the NIDCD Web Site.

VI. Council Member Presentation..... Ms. Heather McCallum

Ms. Heather Whitestone McCallum became the first Miss America with a disability on September 17th, 1994. Since being crowned Miss America, she has journeyed around the world, authored several books and started a family. Ms. McCallum has been profoundly deaf since she was eighteen months old. Her deafness was eventually linked to an acute illness caused by *Haemophilus influenzae*, resulting in meningitis.

Ms. McCallum attended a hearing public school, but at the age of eleven, enrolled in the Central Institute for the Deaf in St. Louis, Missouri. After three years at the Central Institute for the Deaf, Ms. McCallum returned to Alabama and graduated from a public high school. Ms. McCallum enrolled in college and soon began to compete in local pageants. She eventually won the Miss Alabama pageant, before winning the Miss America Crown in 1994.

In 2002, Ms. McCallum expressed interest in obtaining a cochlear implant, after being unable to hear her young son's cries when he fell in her back yard. Dr. John Niparko of the Johns Hopkins University in Baltimore, performed the surgery in which Ms. McCallum received a Nucleus® cochlear implant. The device was activated on September 19, 2002 when she was fitted with the external part of her cochlear implant, an ear-level speech processor.

Ms. McCallum described her experiences, both positive and negative, in adjusting to the implant, and described how it has impacted her life. With the implant, she plans to help raise awareness among the hearing-impaired community about the opportunities available for improving speech and language.

VII. Scientific Presentation Dr. Lorraine Ramig

Dr. Battey welcomed and introduced Dr. Lorraine Ramig, Professor/Senior Scientist, Department of Speech, Language and Hearing Science, University of Colorado-Boulder, Boulder, Colorado, National Center for Voice and Speech. Dr. Ramig discussed her research in a presentation entitled, "Changing the Way We Think about Speech Treatment for Parkinson Disease and Other Neurological Disorders."

Following is an abstract of her presentation:

At least 89% of individuals with Parkinson disease have a speech or voice disorder which can significantly impact quality of life. The Lee Silverman Voice Treatment (LSVT) has been documented to have short and long-term efficacy and level one evidence for treatment effects. This presentation: 1) presented the background and motivation for voice treatment in Parkinson disease, 2) described the creation of an efficacious treatment and efficacy data, 3) reported on unexpected outcomes (facial expression, swallowing, PET and application to other neurological disorders) and 4) addressed the opportunities at hand to unleash the potential of voice treatment in the research and clinical arenas. The needs for new models for studying evolving behavior change within treatment, including variables of social resonance and new approaches to scaling up treatment in clinical practice (such as PDA or Virtual therapy) were highlighted. The potential roles of voice treatment in neuroprotection and as a tool to gain insight into speech motor control and mechanisms of disorder were discussed.

VIII. Report of the Director, NIH Dr. Elias A. Zerhouni

Dr. Battey welcomed and introduced Dr. Zerhouni, who began his tenure as the 15th Director of the National Institutes of Health in May 2002. In his opening comments, Dr. Zerhouni praised Dr. Battey for both his work as Chair of the Stem Cell Task Force, and as a "great leader" of the NIDCD. He stressed the importance of the research done by the NIDCD, noting that vision and hearing loss is ranked as one of the three major ailments afflicting Americans today, along with arthritis and heart disease.

NIH Roadmap

Dr. Zerhouni discussed the creation of a new research vision for the NIH which focuses the attention of the biomedical research community on new pathways of discovery, research teams of the future and re-engineering the clinical research enterprise.

The NIH Roadmap is an innovative approach to accelerate fundamental discovery and translation of that knowledge into effective prevention strategies and new treatments. The strategic initiatives to be funded under the NIH Roadmap will address critical roadblocks and knowledge gaps that currently constrain rapid progress in biomedical research. They will synergize the work of numerous NIH institutes and centers, and collectively represent a unique effort that no single entity can do, but are the responsibility of the NIH as a whole.

Three broad initiatives will be stimulated with these funds: 1) New Pathways to Discovery, which includes a comprehensive understanding of building blocks of the body's cells and tissues and how complex biological systems operate; structural biology; molecular libraries and imaging; nanotechnology; bioinformatics and computational biology; 2) Research Teams of the Future, including interdisciplinary research, high-risk research, and public-private partnerships; and 3) Re-engineering the Clinical Research Enterprise. Through these efforts, NIH will boost the resources and technologies needed for 21st century biomedical science.

Institute of Medicine (IOM) Report

Next, Dr. Zerhouni talked about the recent report of a study conducted by the National Research Council and Institute of Medicine (IOM) of the National Academies. The National Research Council and Institute of Medicine are private, nonprofit organizations that provide science, technology, and medical advice under a congressional charter. The Research Council is the principal operating agency of the National Academy of Sciences and National Academy of Engineering. The study was mandated by Congress and sponsored by the National Institutes of Health. It was conducted after some officials expressed concern that the NIH has become too fragmented and unwieldy, especially since adding a number of new institutes, centers, and offices in recent decades. Another concern was whether the current organizational framework at NIH can accommodate the increasing pace of scientific advances.

The study concluded that important organizational changes are needed at the agency for it to meet future challenges effectively. According to the study, changes are particularly required to allow NIH to devote additional resources to innovative interdisciplinary research that reflects strategic objectives and cuts across all of the agency's institutes and centers.

Dr. Zerhouni stated that NIH is evaluating the recommendations of the report, and that a Congressional hearing is scheduled.

[Executive Secretary Note: Copies of Enhancing the Vitality of the National Institutes of Health: Organizational Change to Meet New Challenges will be available in September

from the National Academies Press; tel. 202-334-3313 or 1-800-624-6242 or on the Internet at <http://www.nap.edu>.]

IX. Report of the Scientific Director

Division of Intramural Research Dr. Robert Wenthold

NIH policy requires that the National Advisory Council to each Institute review the activities of their respective intramural program once a year. Dr. Robert Wenthold, Scientific Director of NIDCD's Division of Intramural Research (DIR), presented the 2003 report.

Staff Changes in FY03

The Division is recruiting a tenure-track investigator interested in mapping and identification of genes involved in human speech and language impairment and their underlying biochemical functions in the nervous system.

Tenure Track Investigators

Dennis Drayna, Ph.D. started a tenure track appointment last year. Dr. Drayna received his Ph.D. from Harvard in 1981, after which he served as a Postdoctoral Fellow with Dr. Ray White at the University of Utah. He has also worked at Genentech and has had other positions in the industry. Before serving as a Senior Fellow with the NIDCD from 1997-2002, he was a Visiting Investigator with the National Human Genome Research Institute, NIH. His research includes using genetic linkage and positional cloning studies to identify genes responsible for communication disorders in humans. His interests include disorders of auditory pitch recognition, deficits in the human sense of bitter taste, and the speech disorder of stuttering.

Investigators Tenured in 2003

Two NIDCD investigators were tenured in 2003. They are Carter Van Waes, M.D., Ph.D., Acting Clinical Director; and Allen Braun, M.D., Acting Chief of the Language Section. Dr. Van Waes will be Clinical Director and Chief of the Head and Neck Surgery Branch effective September 7, 2003. He conducts clinical research and clinical trials concerning the pathogenesis, prevention, diagnosis, and treatment of neoplasms of the head and neck region that affect human communication. Dr. Braun uses neuroimaging techniques, including PET, functional MRI, and high density EEG, to characterize cerebral activity in the normal brain and in patients with neurological disorders affecting voice, speech and language.

Planned Recruitments:

The Division plans to recruit a Hair Cell physiologist to study molecular components of transduction and/or transmission in late 2004.

Otolaryngology Research Training Program

Charles Limb, M.D., joined the Division as an otolaryngology research fellow in mid 2003. Dr. Limb graduated from Yale University, School of Medicine and completed his residency in otolaryngology at Johns Hopkins University, where he was a research fellow with Dr. David Ryugo. He will continue his affiliation with Johns Hopkins while working with NIDCD's Dr. Allen Braun on neuroimaging.

Board of Scientific Counselors

Dr. Wenthold updated the Council on the membership of the Board of Scientific Counselors. Departing members include Dr. Larry Trussell, Chair; Dr. Randy Reed and Dr. Margaret Lomax. Four new members have joined the Board; they include Dr. Diego Restrepo, University of Colorado, Chair; Dr. Miriam Meisler, University of Michigan; Dr. Paul Fuchs, Johns Hopkins University; and Dr. Nirupa Chaudari, University of Miami. Other members include Dr. Fred Nuttall, Oregon Health Sciences University; Dr. Richard Smith, University of Iowa; Dr. Bruce Tempel, University of Washington; and Dr. Lynn Landmesser, Case Western Reserve University

Porter Neuroscience Research Center

Construction of the Porter Neuroscience Research Center, which will house the Institute's Intramural program, is underway with an anticipated completion date of 2004 for Phase 1. Phase 2 is scheduled for completion in 2008/9. Dr. Matt Kelley of NIDCD will be included in the Phase 1 portion of the Center.

Completion of the Clinical Research Center

The Clinical Research Center (CRC) will house the Offices for the NIDCD Clinical Director and staff. The CRC also includes 3000 square feet for the four-institute Gene Therapy Consortium (NHGRI, NEI, NIDCR and NIDCD).

5 Research Court Laboratories

Dr. Wenthold reported that the laboratories at 5 Research Court includes about one-half of the Division's programs. The Division has had a modest expansion of laboratory space at that site; the current plan is for the Division to remain at that location until 2009.

CLOSED SESSION

X. Report of the Board of Scientific CounselorsDr. Wenthold

As stipulated by law, each Institute, Center or Division must provide annually to its National Advisory Council an overview of its intramural research program. The overview should include the reports of the BSC, and the responses of the Scientific

Director. This presentation is strictly informational; Council members are not asked to recommend approval or disapproval of the reports or to modify them in any way. However, the Council may make recommendations to the Director, NIDCD regarding such research on the basis of the materials provided.

Dr. Wenthold presented the Report of the Board of Scientific Counselors (BSC) regarding the review of several intramural laboratories. He then presented his response to the report and responded to questions from Council.

[Executive Secretary Note: During the BSC presentation, attendance was restricted to the Council members, the Director, NIDCD; the Deputy Director, NIDCD; the Director, Division of Intramural Research, NIDCD; the Director, Division of Extramural Research, NIDCD; and the Executive Secretary of the Council.]

XI. Council Consideration of Pending Applications

The Council gave special attention to applications from foreign institutions and to applications involving issues related to protection of human subjects, animal welfare, biohazards and/or women/minority/children representation in study populations as identified by the initial review groups.

A. Research Project Grant Awards

1. Consideration of Applications: On the Council's agenda was a total of 99 investigator-initiated research grant applications; 89 applications had primary assignment to NIDCD, in the amount of \$24.6 million first-year direct costs. It is anticipated that, of the applications competing at this Council, NIDCD will be able to award grants to applications scoring through the 24.0 percentile.

B. Special Programs Actions

1. Mentored Clinical Scientist Development Award (K08): The Council recommended support for two applications.
2. Midcareer Investigator Award in Patient-Oriented Research (K24): The Council recommended support for one application.
3. Small Grants (R03): The Council recommended support for eighteen applications.
4. Small Business Technology Transfer (STTR): The Council recommended support for three Phase I (R41) application.
5. Small Business Innovation Research Awards (SBIR): The Council recommended support for six Phase I (R43) applications and four Phase II (R44) applications.
6. Health Communication Research: Improved Strategies (DC-03-001): The

Council recommended support for three R25 applications.

7. Stem Cell Potential of the Mammalian Olfactory Epithelium (DC-03-002): The Council recommended support for three R21 applications.
8. Operation of Sensors in Vivo (EB-03-001): The Council recommended support for one R01 application and one R21 application.
9. Exploratory/Developmental Bioengineering Research Grants (EBRG) (PA-03-058): The Council recommended support for one R21 application.
10. Novel Genetic Methods to Map Functional Neuronal Circuits and Synaptic Change (PAR-03-007): The Council recommended support for one R01 application.

XII. Adjournment: The meeting was adjourned at 2:10 p.m. on September 5, 2003.

XIII. Certification of Minutes

We certify that, to the best of our knowledge, the foregoing minutes and attachments are accurate and correct.²

Craig A. Jordan, Ph.D.
Executive Secretary
National Deafness and Other Communication
Disorders Advisory Council

James F. Battey, Jr., M.D., Ph.D.
Chairman
National Deafness and Other Communication
Disorders Advisory Council

Director
National Institute on Deafness and
Other Communication Disorders

Jeannie Combs
Council Assistant

² These minutes will be formally considered by the Council at its next meeting; corrections or notations will be incorporated in the minutes of that meeting.

APPENDICES

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APPENDIX 1

Roster

National Deafness and Other Communication Disorders Advisory Council

Chairperson

James F. Battey, Jr., M.D., Ph.D., Director
National Institute on Deafness and Other Communication Disorders
Bethesda, Maryland 20892

ACHE, Barry W., Ph.D. Professor Whitney Laboratory University of Florida Brain Institute Center for Smell and Taste Gainesville, FL 32610	2007	GRECO, Susan M. Executive Director Deafness Research Foundation Washington, DC 20036	2006
ANDERSON, Noma B., Ph.D. Director and Professor School of Health Florida International University Miami, FL 33199	2006	KENT, Raymond D., Ph.D. Professor Department of Communicative Disorders University of Wisconsin; Waisman Center Madison, WI 53705	2006
BEAUCHAMP, Gary K., Ph.D. Director and President Monell Chemical Senses Center Philadelphia, PA 19104	2005	LIM, David J., M.D. Executive Vice President, Research Head, Dept of Cell and Molecular Biology House Ear Institute Los Angeles, California 90057	2005
CAYNE, Patricia D., Ph.D. Educational Neuropsychologist (Retired) Private Practice New York, NY 10022	2006	LINARES-ORAMA, Nicolas, Ph.D. Professor of Language Pathology Director, Filius Institute University of Puerto Rico San Juan, PR 00936-4984	2004
CHOLE, Richard A., M.D., Ph.D. Lindburg Professor and Head Department of Otolaryngology Washington University School of Medicine St. Louis, MO 63110	2005	MADISON, John P., Ed.D. Associate Professor (Retired) Department of English National Technical Institute for the Deaf Elmira, NY 14905	2004
EMANUEL, Beverly S., Ph.D. Professor Department of Pediatrics Abramson Research Center, Rm. 1002 Children's Hospital of Philadelphia Philadelphia, PA 19104	2004	MCCALLUM, Heather President Heather-Leigh Whitestone, Inc. Atlanta, GA 30339	2005

MIYAMOTO, Richard T., M.D. 2006
Professor & Chairman
Department of Otolaryngology-HNS
School of Medicine
Indiana University
Indianapolis, IN 46202

NGAI, John J., Ph.D. 2007
Professor of Neurobiology
Department of Molecular & Cell Biology
Helen Wills Neuroscience Institute
University of California, Berkeley
Berkeley, CA 94720

OERTEL, Donata, Ph.D. 2007
Professor
Department of Physiology
University of Wisconsin
Madison, WI 53706

PERACHIO, Adrian A., Ph.D. 2006
Professor & Vice President for Research
Department of Otolaryngology
University of Texas Medical Branch
Galveston, TX 77555

RYALS, Brenda M., Ph.D. 2007
Professor
Department of Communication Sciences
and Disorders
James Madison University
Harrisonburg, VA 22807

TITZE, Ingo R., Ph.D. 2004
Distinguished Professor
Department of Speech Pathology
and Audiology
University of Iowa
Hawkins Drive
Iowa City, IA 52242

EX-OFFICIO MEMBERS:

BECK, Lucille B., Ph.D.
Director
Audiology & Speech Pathology Service (117A)
Department of Veterans Affairs
Washington, D.C. 20422

FRANKS, John R., Ph.D.
Chief, Bioacoustics and Occupational
Vibration Section
Physical Agent Effects Branch
Division of Biomedical and Behavioral Science
National Inst for Occupational Safety & Health
Cincinnati, OH 45226

HOFFER, Michael E., M.D.
Co-Director
Department of Defense Spatial Orientation Center
Department of Otolaryngology
Naval Medical Center
San Diego, CA 92134

THOMPSON, The Honorable Tommy G.
Secretary
Department of Health and
Human Services, Room 615F
Hubert H. Humphrey Building
Washington, D.C. 20201

ZERHOUNI, Elias Adam, M.D.
Director
National Institutes of Health
Bethesda, MD 20892

EXECUTIVE SECRETARY

JORDAN, Craig A., Ph.D.
Chief, Scientific Review Branch
Director, Division of Extramural Activities,
NIDCD
Bethesda, MD 20892

Rev. August 2003

Appendix 2

ATTENDANCE LIST

Other than Council members, attendees at the September 5, 2003 Council meeting included:

NIDCD Staff:

Office of the Director

Luecke, Donald H., M.D., Deputy Director

Office of Health Communication and Public Liaison

Allen, Marin, Chief

Office of Administration

Kerr, W. David, Executive Officer

Financial Management Branch

Rotariu, Mark, Budget Officer

Lee, Mimi, Budget Analyst

Wysong, Chad, Budget Analyst

Information Systems Management Branch

Jones, Jackie, Chief

Science Policy and Planning Branch

Wong, Baldwin, Chief

White-Olsen, Anne, Program Analyst

Cole, Laura, Ph.D., Science Policy Analyst

Division of Extramural Activities

Jordan, Craig A., Ph.D., Director

Combs, Jeannie, Program Analyst

Holmes, Debbie, Secretary

Kemmerle, Donna, Program Specialist

Stephenson, Nanette, Program Assistant

Grants Management Branch

Stone, Sara, Chief

Dabney, Sherry, Grants Management Officer

DaSilva, Maria, Program Assistant

Doan, Hoai, Grants Management Specialist

Hamilton, Gail, Grants Management Specialist

McNamara, Castilla, Grants Management Specialist

Ranney, Meigs, Grants Management Officer

Scientific Review Branch

Jordan, Craig A., Ph.D., Chief
Azadegan, Ali, D.V.M., Ph.D., Scientific Review Administrator
Oaks, Stanley C., Ph.D., Scientific Review Administrator
Singh, Sheo, Ph.D., Scientific Review Administrator
Stick, Melissa J., Ph.D., M.P.H., Scientific Review Administrator

Division of Scientific Programs

Cooper, Judith, Ph.D., Director

Voice, Speech, Language, Smell and Taste Branch

Cooper, Judith, Ph.D., Program Director, Language Program
Davis, Barry, Ph.D., Program Director, Smell and Taste Program
Shekim, Lana, Ph.D., Program Director, Voice and Speech Program
Sklare, Daniel A., Ph.D., Program Director, Research Training and
Development Program

Hearing and Balance/Vestibular Branch

Donahue, Amy, Chief; and Program Director, Hearing
Freeman, Nancy, Ph.D., Program Director, Hearing
Luethke, Lynn, Ph.D., Program Director, Hearing
Miller, Roger, Ph.D., Program Director, Hearing
Platt, Christopher, Ph.D., Program Director, Balance/Vestibular
Watson, Bracie, Ph.D., Program Director, Hearing

Clinical Trials, Epidemiology and Biostatistics Branch

Gulya, Julie, M.D., Chief; and Program Director, Clinical Trials
Hoffman, Howard, Program Director for Epidemiology & Biostatistics
Jelen, Janet, Computer Specialist
Chiu, May, Program Analyst

Division of Intramural Research

Wenthold, Robert, Ph.D., Director

Center for Scientific Review, NIH

Kimm, Joseph, Ph.D., Health Scientist Administrator
Melchior, Christine, Chief, IFCN
Weijia Ni, Scientific Review Administrator
Bishop, John, Ph.D., Scientific Review Administrator

Others

Trout, Michelle, Program Analyst, OFACP, NIH

Mustafa-Julock, Jennie, Presidential Management Intern, OD, NIH

Girordi, Marian, Director of Research, AAO-HNS

Kyle, Dennis, Ph.D., Department of Veterans Affairs (attended for Dr. Lucille Beck)

Sprenger, Kristen, Interpreter, Sign Language Associates

Childers, Angela, Interpreter, Sign Language Associates

Ramig, Lorraine, Ph.D., Professor/Senior Scientist, University of Colorado-Boulder,
Colorado

Appendix 3

NIDCD Director's Report Slides

As Presented By

James F. Battey, Jr., M.D., Ph.D.
Director, NIDCD

NIDCD Advisory Council Meeting

September 5, 2003

National Institute on Deafness and Other Communication Disorders

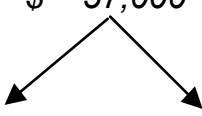
September 2003 Council Budget Mechanism (Dollars in thousands)

<i>Budget Mechanism</i>	<u>FY 2003 Appropriation*</u>		<u>Revised FY 2004 President's Request</u>	
	<i>Number</i>	<i>Amount</i>	<i>Number</i>	<i>Amount</i>
Research Projects				
Noncompeting	645	\$183,411	675	\$197,635
Admin. Supplements	(36)	1,600	(27)	1,200
Competing	249	67,835	243	67,200
GPRA Initiative	1	1,600		
Subtotal	895	254,446	918	266,035
SBIR/STTR	42	8,295	45	8,950
Subtotal, RPG's	937	262,741	963	274,985
Research Centers	26	21,250	26	21,000
Other Research	60	9,200	60	9,200
Total Research Grants	1,023	293,191	1,049	305,185
Individual Training	147	5,500	147	5,700
Institutional Training	185	7,900	185	7,900
R & D Contracts	36	17,261	37	14,422
Intramural Research		31,810		32,265
Research Mgmt. & Support		14,720		14,905
TOTAL		\$370,382		\$380,377

* Reflects rescission of \$2,423 thousand.

National Institute on Deafness and Other Communication Disorders

September 2003 Council Competing Research Project Grants (Dollars in thousands)

Total RPG Funds FY04 Rev. President's Budget	\$	274,985	
Less SBIR/STTR Budget		-8,950	
Less Administrative Supplement Budget		-1,200	
Less Noncompeting Budget		-197,635	
Less FY04 "Carryover" Commitments from prior Council meetings		-750 (Est)	
Less FY04 Program Requirements		-10,950	
Plus FY 03 Funds available for Sept. Council		<u>1,500 (Est)</u>	
<i>Total</i>		\$ 57,000	
			
		<u>20% HPP</u>	<u>80% Regular</u>
For FY 2004	\$	11,400	\$ 45,600
Per council meeting	\$	3,800	\$ 15,200